

بِسْمِ اللَّهِ الرَّحْمَنِ  
الرَّحِيمِ

This is video titled  
**The Sun and the Stars are Set in Motion**  
**New Model of Solar System**  
**Legitimate Refutation of Heliocentric**  
**Model**

By  
**Professor Abdul Razzaq**

**available at**

[https://www.amazon.com/SUN-STARS-ARE-SET-MOTION/dp/1694561348/ref=tmm\\_pap\\_swach\\_0?\\_encoding=UTF8&qid=1632908839&sr=1-1](https://www.amazon.com/SUN-STARS-ARE-SET-MOTION/dp/1694561348/ref=tmm_pap_swach_0?_encoding=UTF8&qid=1632908839&sr=1-1)

# **PART - I, Chapter - 6**

## **Summary of chapter 1 -**

### **5**

**Several observations were proposed to update solar system**

**Heliocentric model proposed by Copernicus got wider acceptance**

**However several incomprehensive complexities were associated with heliocentric model**

**Assumptions made to justify the observed phenomena could not be validated logically and mathematically keeping in view the established facts and realities**

**Heliocentric model when subjected to rigorous scientific criticism and mathematical analysis could not prove its rationale and lead to challenge its validity**

**Consequently heliocentric notion of solar system is challenged and denied on mathematical/logical basis**

**A comprehensive mathematical model of solar system satisfying all scientific requirements best fitted with the present numerical values about relative motion of the sun, the earth, the moon and the stars is also presented**

**Whether the earth revolves around the sun or the sun revolves around the earth?**

**New model of solar system is based on observed realities, established scientific concepts and mathematical grounds and does not need any assumption to validate the observed**

**This model perfectly fits with the most recent numerical values and has full competency to answer any question without any assumption. Precisely determined numerical values as periods of rotation and revolution could not be implicated appropriately.**

**Several factors contributed in the misapprehension throughout the historical development of various models of the solar**

**The most important factor was misunderstanding or non-realization of motion of the stars (or rotation of celestial**

**Careful observation of the sky for several years revealed clockwise motion of the stars that ultimately lead to disapproval of heliocentric notion and helped to develop a more precise and mathematical model of the solar system**

**New mathematical model of solar system is open for scientific/logical criticism in comparison with heliocentric model**

# Main Features/Postulates of New

**1 - The earth is at center of the celestial sphere and rotates anticlockwise**

**2 - The earth occupies central position in solar**

**3 - Axis of the earth is not tilted**



## Consequent

❖ **Celestial and terrestrial axes, equatorial planes and parallels**

❖ **Axis of the earth will keep pointing continuously to the**

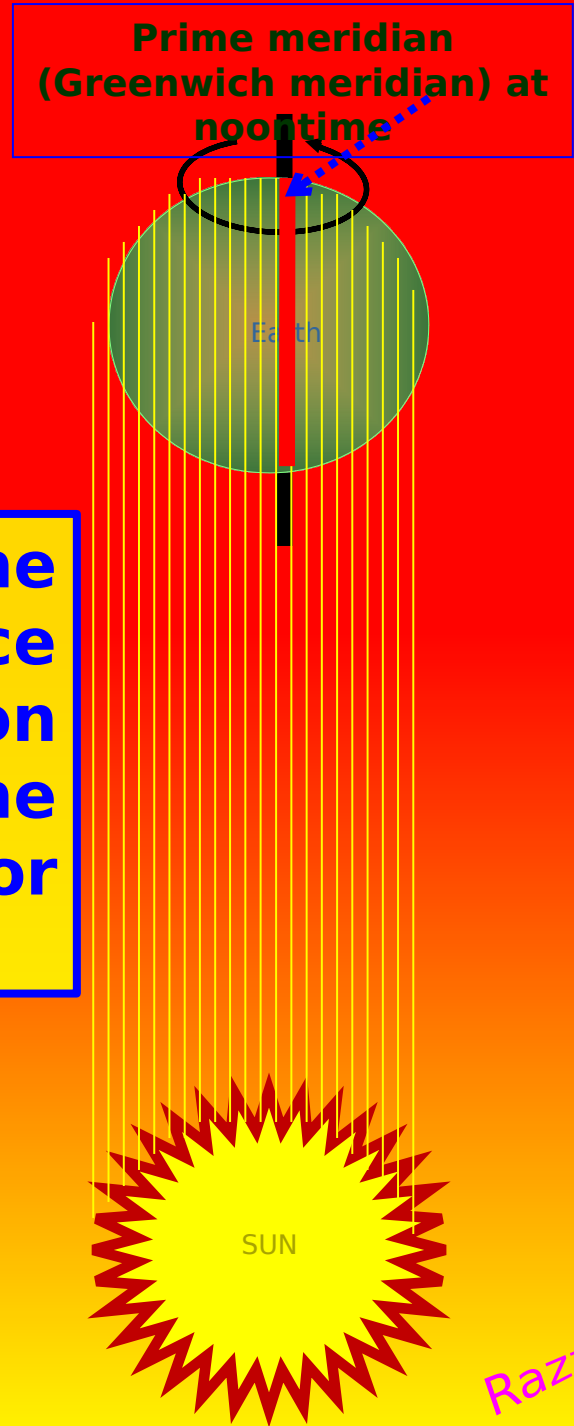
**No need of any assumption**

Not to the scale

Central position of the earth in celestial sphere. Axis of the earth and that of celestial sphere coincide

## Non-tilted earth and alignment of meridians to radiation from the sun at vernal equinox

4 - With non-tilted axis of the earth, all length of the reference meridian will be at same position relative to the radiation from the sun throughout the year for same time all over the meridian

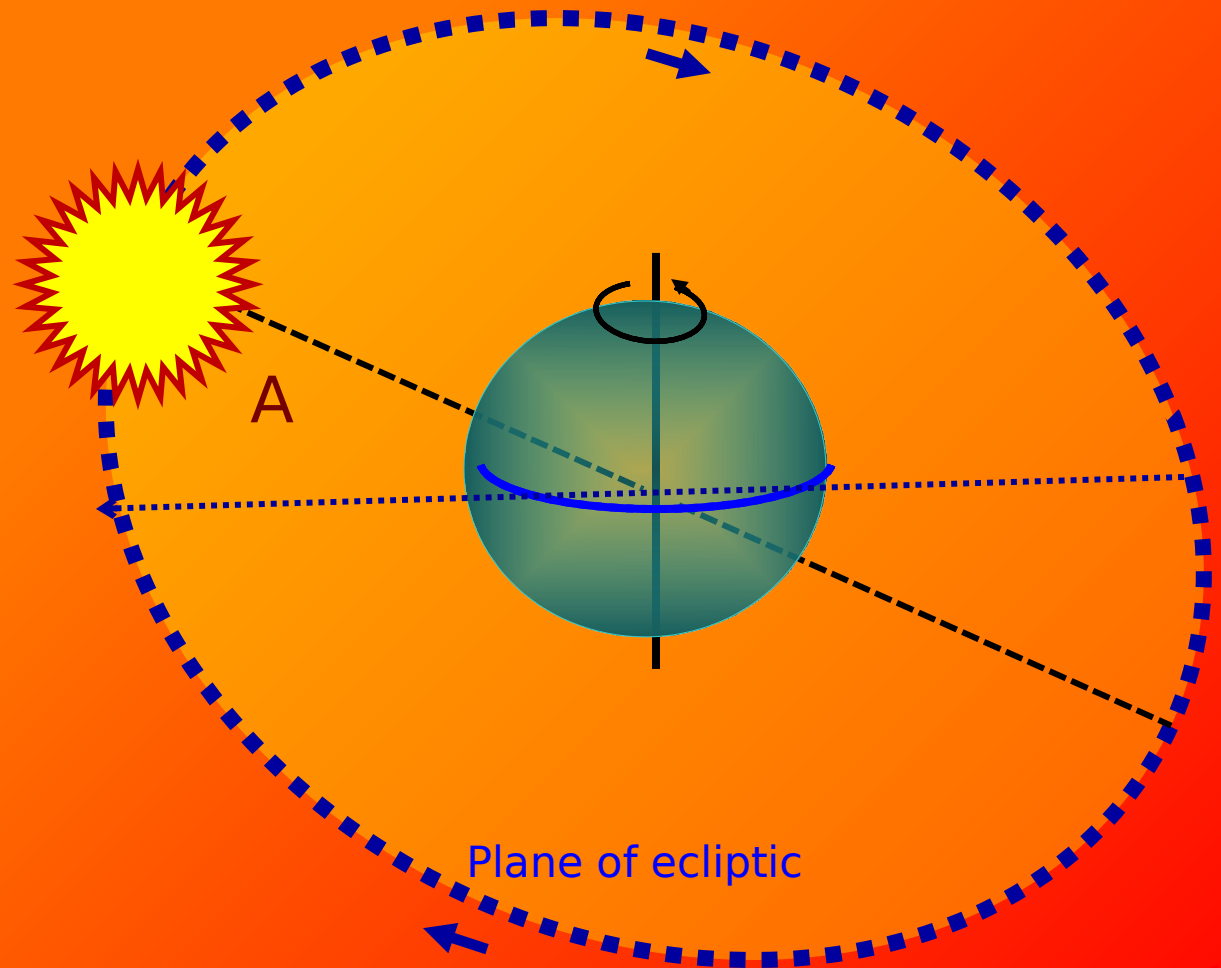


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**5 - The sun revolves clockwise around**

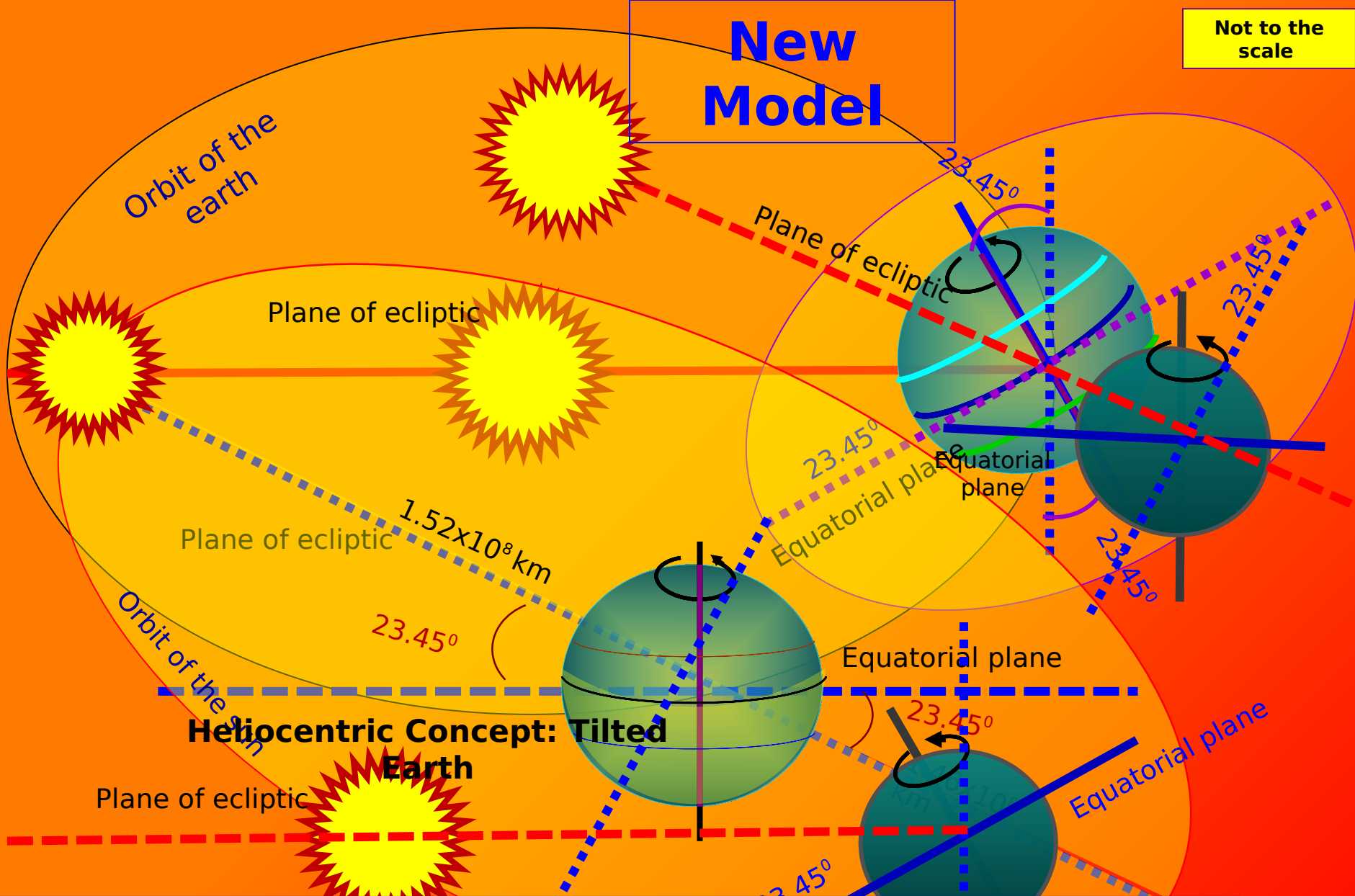
**6 - Tropical year (31556925.25 seconds)  
is period for  $360^\circ$  revolution of the  
sun**



Not to the  
scale

Not to the  
scale

## New Model



**7 - Orbital plane of the sun (the ecliptic)  
makes an angle of  $23.45^\circ$  with equatorial  
plane of the earth**

# 8 - Generation of Seasons

Revolution of the sun around non-tilted earth on inclined different

A



**Summer solstice**  
(The sun shines perpendicular over Tropic of Cancer)

Orbital Plane

Tropic of Cancer

(The sun shines perpendicular over the equator)

**Autumnal equinox**

B

Equator

$1.52 \times 10^8 \text{ km}$

$23.45^\circ$

Equatorial Plane

$23.45^\circ$

$1.46 \times 10^8 \text{ km}$

C

**Vernal equinox**

(The sun shines perpendicular over the equator)

D

**Winter solstice**

(The sun shines perpendicular over Tropic of Capricorn)

Tropic of Capricorn

Not to the scale

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Orbit of the sun

# 9 - Celestial Sphere Rotates Clockwise

## Justification

Whether the stars move or not?

Defining the movement of the stars (or rotation of celestial sphere) will make it easier to understand the motion of other celestial bodies relative to the earth

Axial rotation of the earth brings the reference meridian on the earth to the same position relative to the reference star after sidereal day and to the same position with respect to the sun after 24 hours or

The reference meridian meets the reference star 3.9318 minutes earlier than the sun due to rotation of the earth

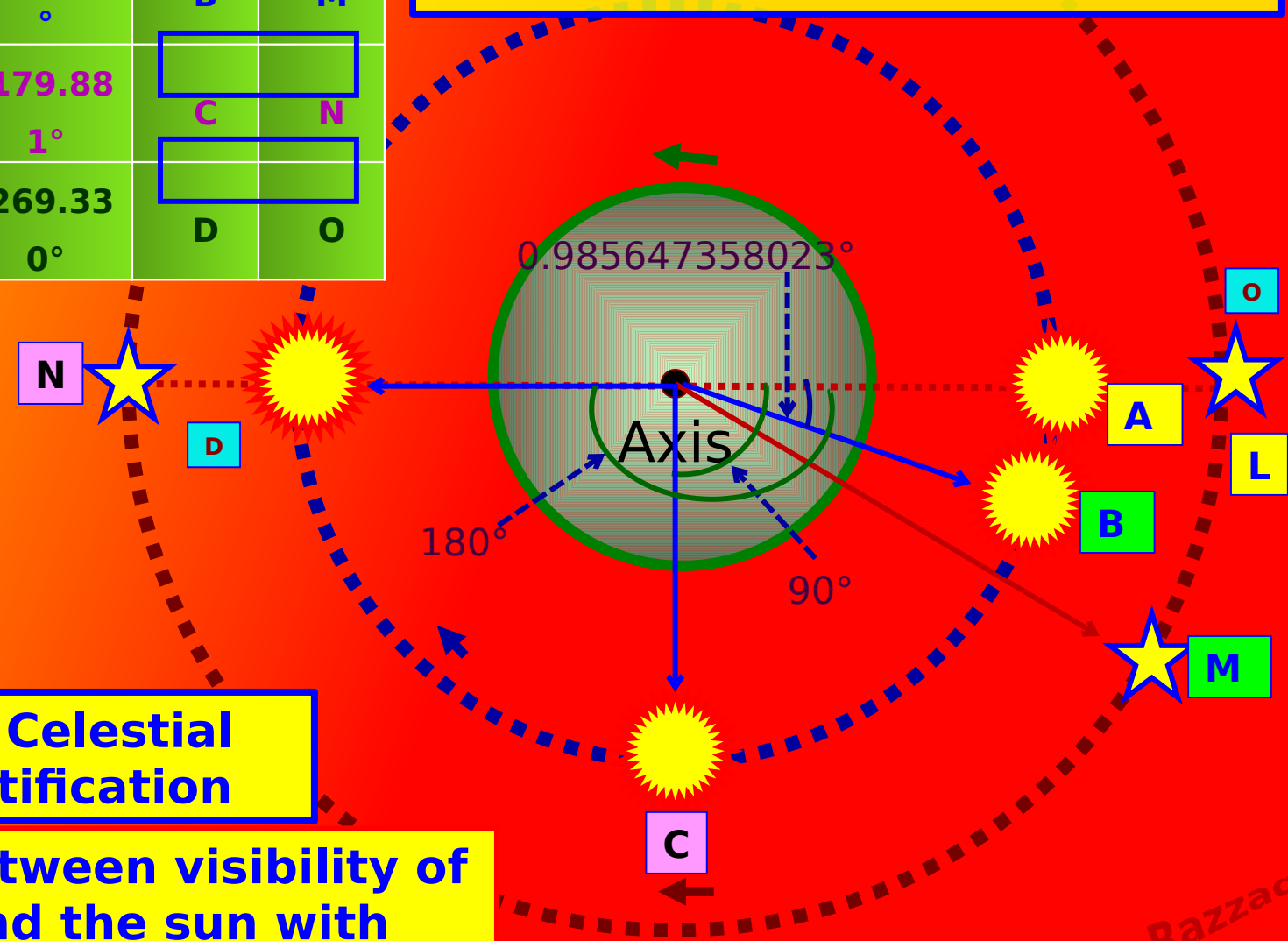
**This means the reference star and the sun move apart**

As the sun moves clockwise so the stars should also be moving clockwise

Visibility of the reference star over the same meridian of the earth earlier than the sun and recession of the sun relative to the stars is possible only if the stars move clockwise faster than the sun

| Sidereal Days | Difference | Revolution of sun | Position of sun | Position of star |
|---------------|------------|-------------------|-----------------|------------------|
| 1             | 3.93 min   | 0.983°            | A               | L                |
| 91            | 5.96 h     | 89.449°           | B               | M                |
| 183           | 11.99 h    | 179.88°           | C               | N                |
| 274           | 17.95 h    | 269.33°           | D               | O                |

After 180° revolution of sun the reference star will be about to complete one revolution

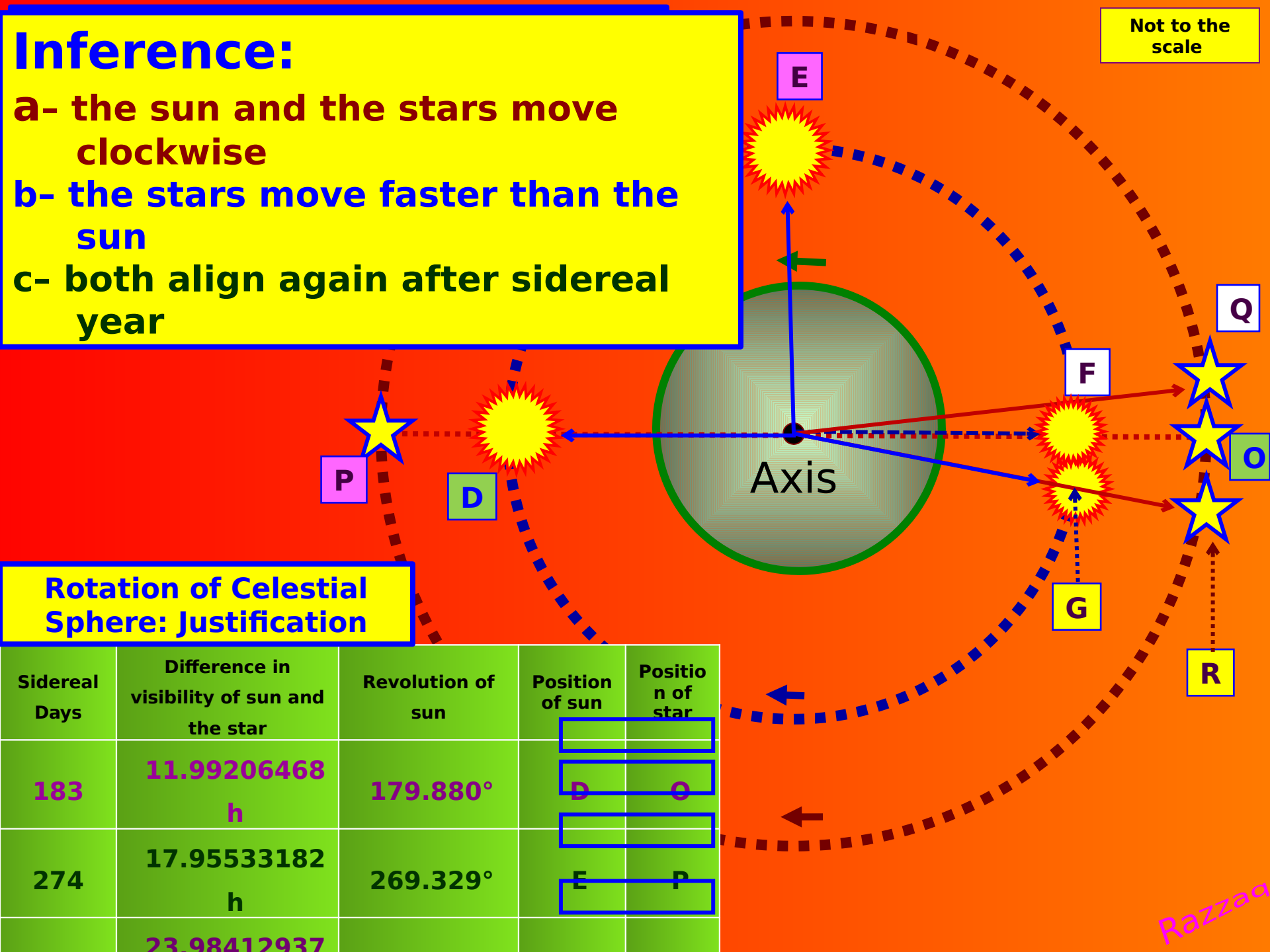


Rotation of Celestial Sphere: Justification

Difference between visibility of the star and the sun with sidereal days

# Inference:

- a- the sun and the stars move clockwise
- b- the stars move faster than the sun
- c- both align again after sidereal year



## Rotation of Celestial Sphere: Justification

| Sidereal Days | Difference in visibility of sun and the star | Revolution of sun | Position of sun | Position of star |
|---------------|----------------------------------------------|-------------------|-----------------|------------------|
| 183           | 11.99206468 h                                | 179.880°          | D               | O                |
| 274           | 17.95533182 h                                | 269.329°          | E               | P                |
|               | 23.98412937                                  |                   |                 |                  |

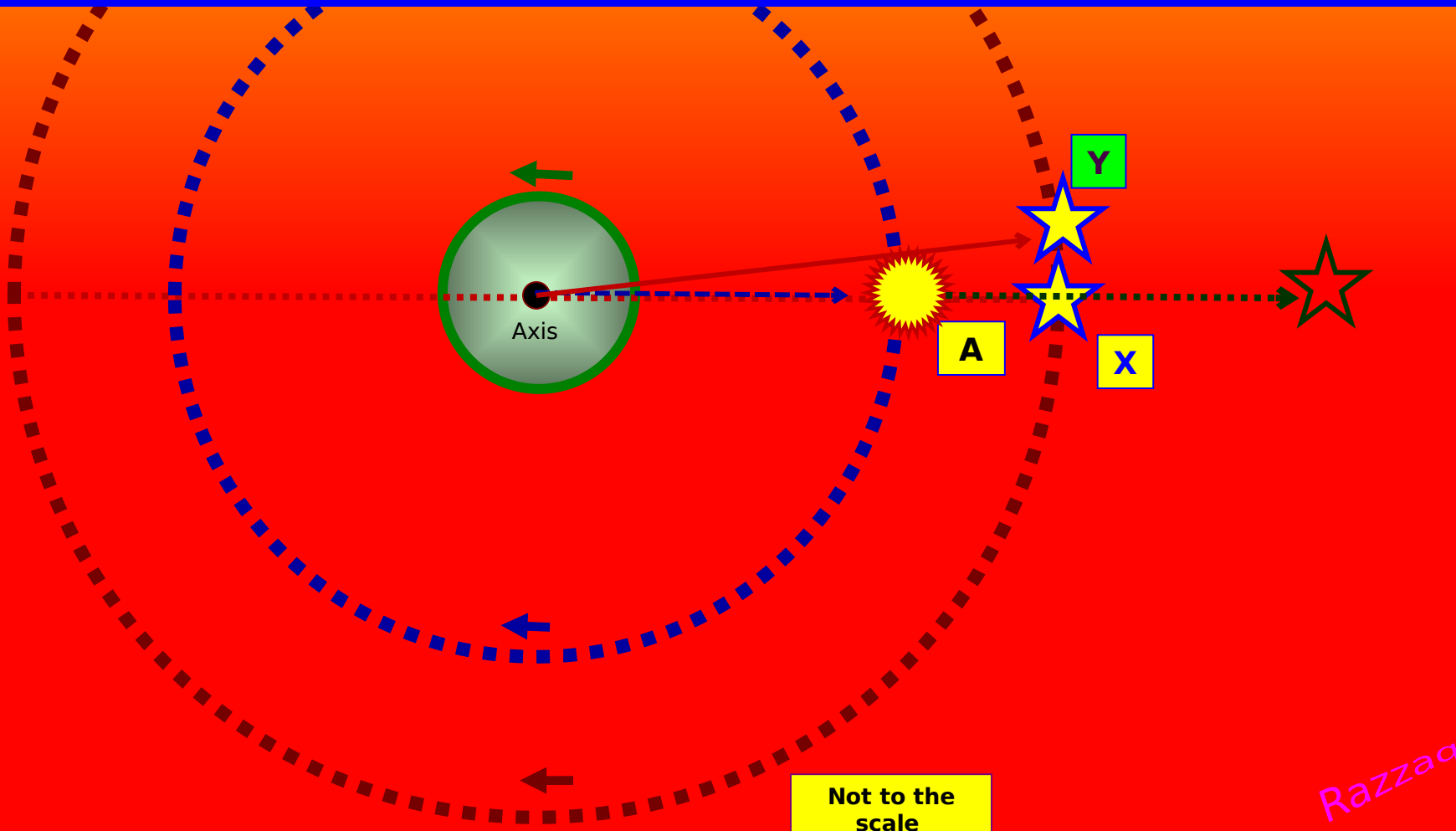
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## 9 - Rising of the Sun in New Constellation after

Sun completes revolution; goes to position “A” again after tropical year

The reference star moves from “X” to position “Y” after tropical year

The sun will be in line with a different star or constellation



# 10 - Rotation Period of Celestial

Revolution of the sun in sidereal year =  
 $\{(360 \div 31556925.25) \times 31558149.76\} =$   
 $360.013969155629^\circ$

Rotation of Celestial Sphere required to take  
the reference star in line with the sun after  
sidereal year  
 $= 720.013969155629^\circ$

Period for  $360^\circ$  Revolution of the star (rotation of  
celestial sphere)  $= (31558149.76 /$   
 $720.013969155629^\circ) \times 360$   
 $= 15778768.746560750384 \text{ sec}$  (rounded at 12<sup>th</sup>  
decimal point)  
 $= 182.624638270379 \text{ d}$  (rounded at 12<sup>th</sup> decimal point)

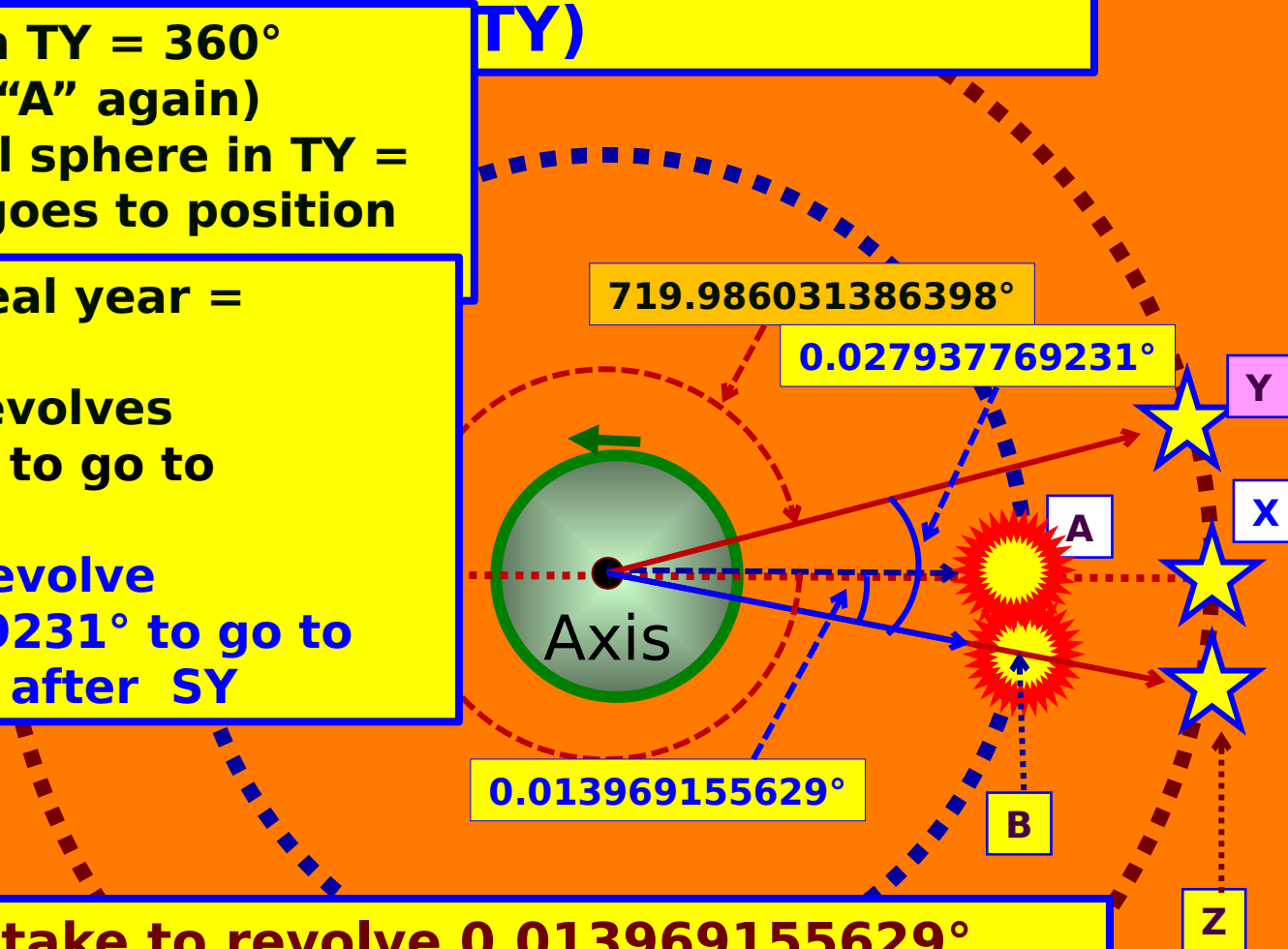
# 11 - Mathematical validation for difference of 1224.51s between Sidereal Year (SY) and Revolution of sun in TY = 360° (TY)

**Revolution of sun in TY =  $360^\circ$**   
**(goes to position “A” again)**  
**Rotation of celestial sphere in TY =**  
 **$719.9860^\circ$  (goes to position**

**Revolution in sidereal year =  $360.013969^\circ$**

**The sun needs to revolve  
0.013969155629° to go to  
position “B”**

**The star needs to revolve  
0.027937769231° to go to  
position “Z” after SY**



**Time the sun will take to revolve  $0.013969155629^\circ$**   
 **$= \{(31556925.25/360) \times 0.013969155629\} = \underline{1224.51}$**

## Time the star will take to revolve $0.027937769231^\circ$

# 12 - Rotation Period of

Clockwise revolution of the sun in 24 hours  
(86400 s)

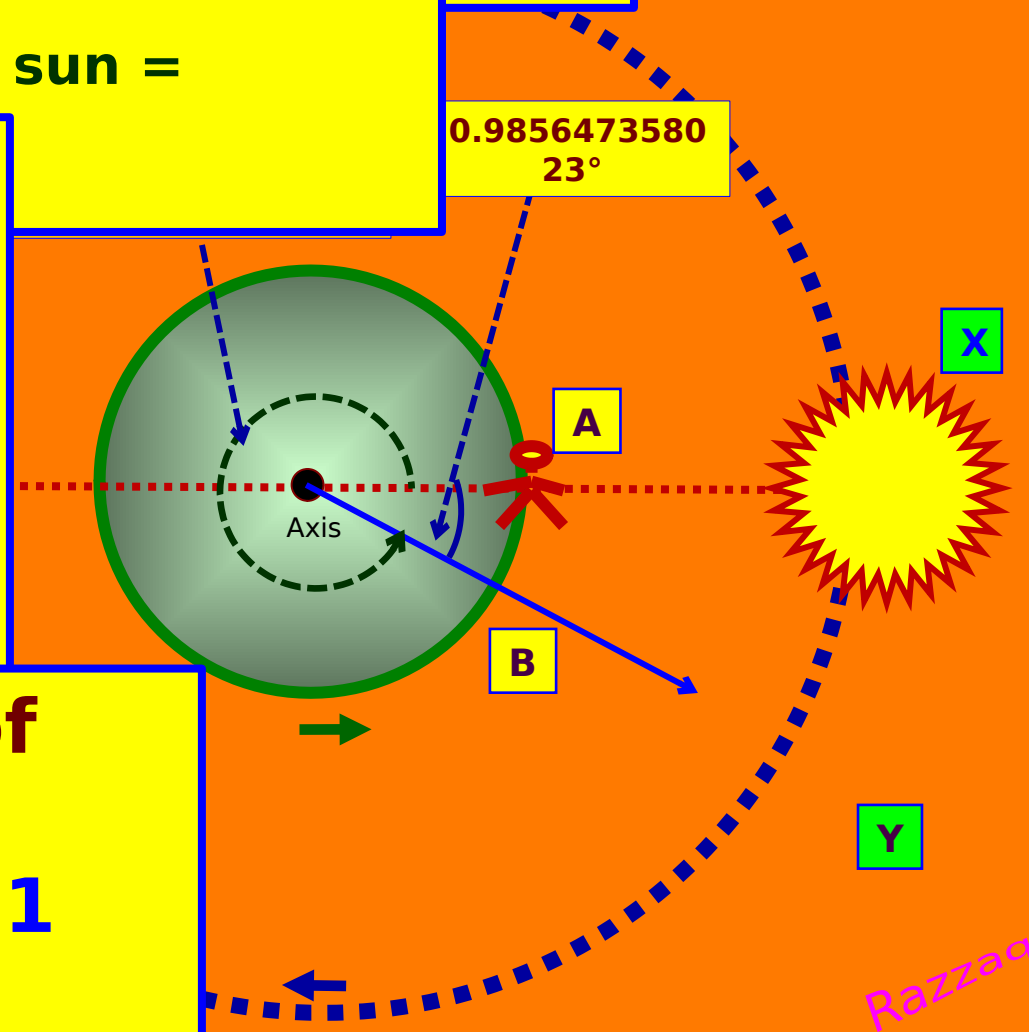
Anticlockwise rotation of the earth  
required  
to match the position of the sun =

Period for  $360^\circ$  axial  
rotation  
=  $\{(86400 \div 359.014352641977) \times 360\}$   
=  
**86637.204811190751 s**  
or

**24.065890225331**

**Rotation Period of  
Earth =  
24.065890225331  
hours**

Not to the  
scale



# 13 - Completion of Sidereal and

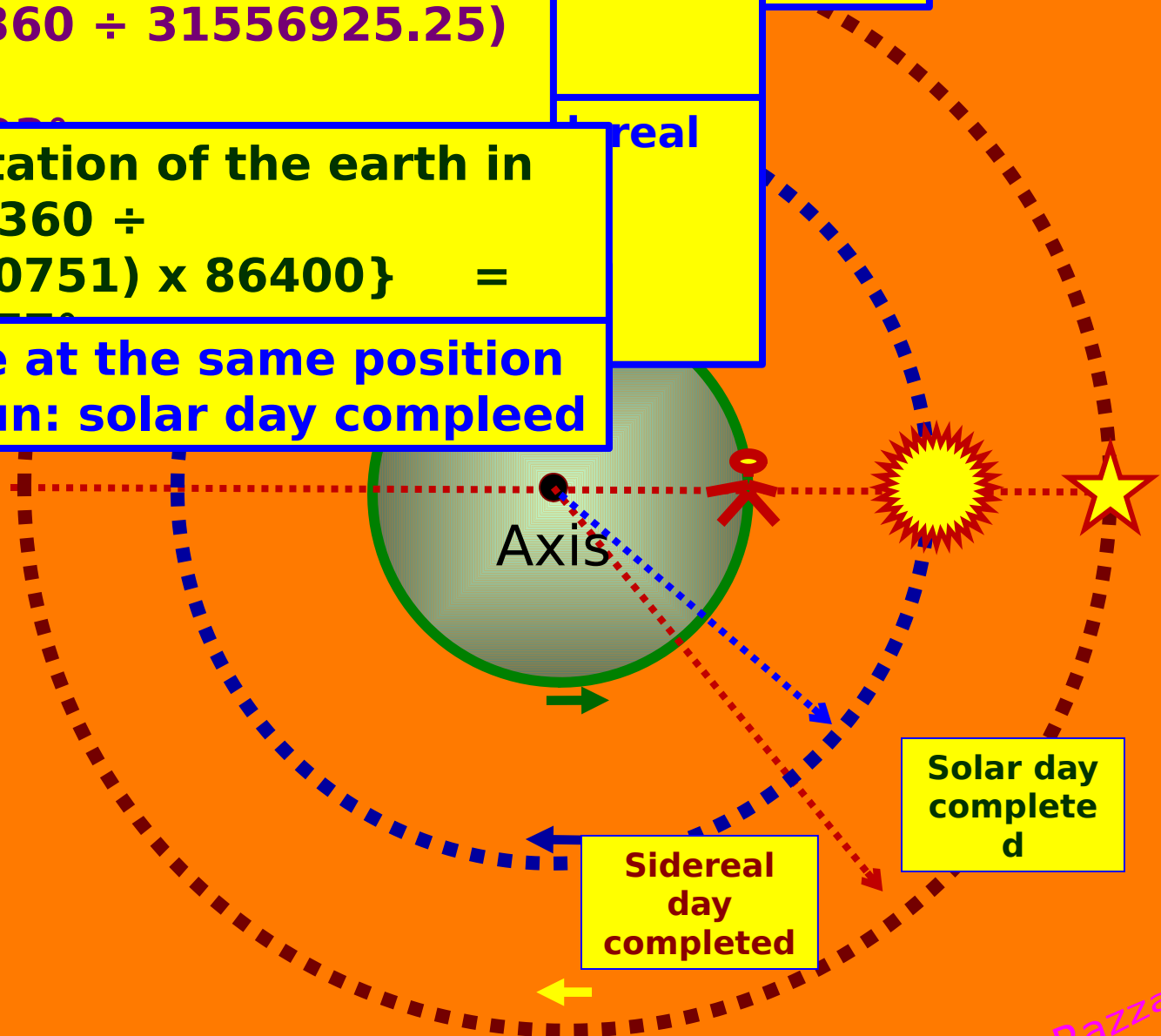
Clockwise revolution of the sun in  
solar day =  $\{(360 \div 31556925.25) \times 86400\}$

real day

Anticlockwise rotation of the earth in  
solar day =  $\{(360 \div 86637.204811190751) \times 86400\} =$

real

Observer will be at the same position  
relative to the sun: solar day compleed



Not to the  
scale

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## **14 - Completion of Solar**

**Revolution of the sun in solar year (365 d)  
=  $\{(360 \div 31556925.25) \times 31536000 = 359.7612856784898^\circ$**

**ii) Rotation of the earth in solar year  
=  $\{(360 \div 86637.204811190751^*) \times 31536000\}$   
=  $131040.238714321509^\circ$**

**Reference meridian will be at the same position relative to the sun after 365 days (Solar Year)**

**In heliocentric model tropical year cannot be considered true period for  $360^\circ$  revolution of the earth with the assumption of axial**

**Sidereal year, if considered revolution period, cannot take the reference meridian to the same position relative to the sun after 365 days**

**СМ**

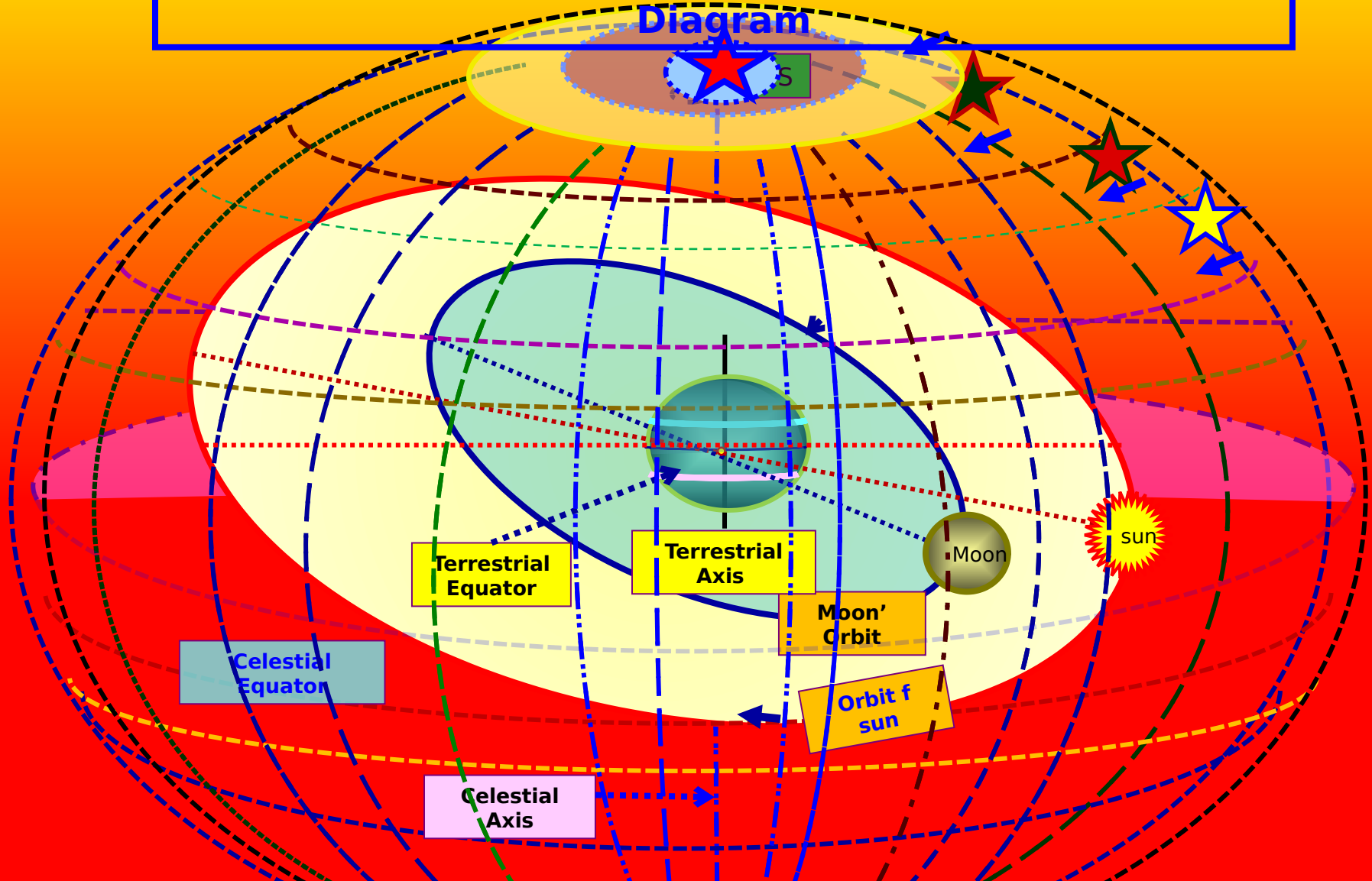
**2775878.283803747562 s or 32.128220877358 d**  
**32.128220952531 d**



**Clockwise revolution of the sun and rotation of the celestial sphere can mathematically validate the observed lengths of moon's sidereal and synodic months without any assumption**

**Hence New Model of Solar System distinctly and mathematically defines revolution period, sidereal month and synodic month of the moon without any assumption**

New Model can be depicted in a Single Diagram  
Heliocentric Model cannot be depicted in a Single  
Diagram



**New Model of Solar**

Not to the  
scale

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# Summary of New

The earth is located in the center of celestial sphere and occupies central position in solar system

The Earth rotates anticlockwise with period of 86637.20481190751 seconds

Rotation Period of Celestial Sphere is 15778768.746560750384 seconds/360°

The sun revolves clockwise around the earth with revolution period of 31556925.25 seconds (Tropical Year)

The moon revolves around the earth with revolution period of 2775878.283803747562 seconds

New Model perfectly fits with the most recent numerical values

New Model can be depicted in single diagram, heliocentric cannot be

No assumption is required in new model to justify any of the observed astronomical

New Model has full competency to answer all the questions (see chapter 1) for which heliocentric model has no mathematical and logical answers

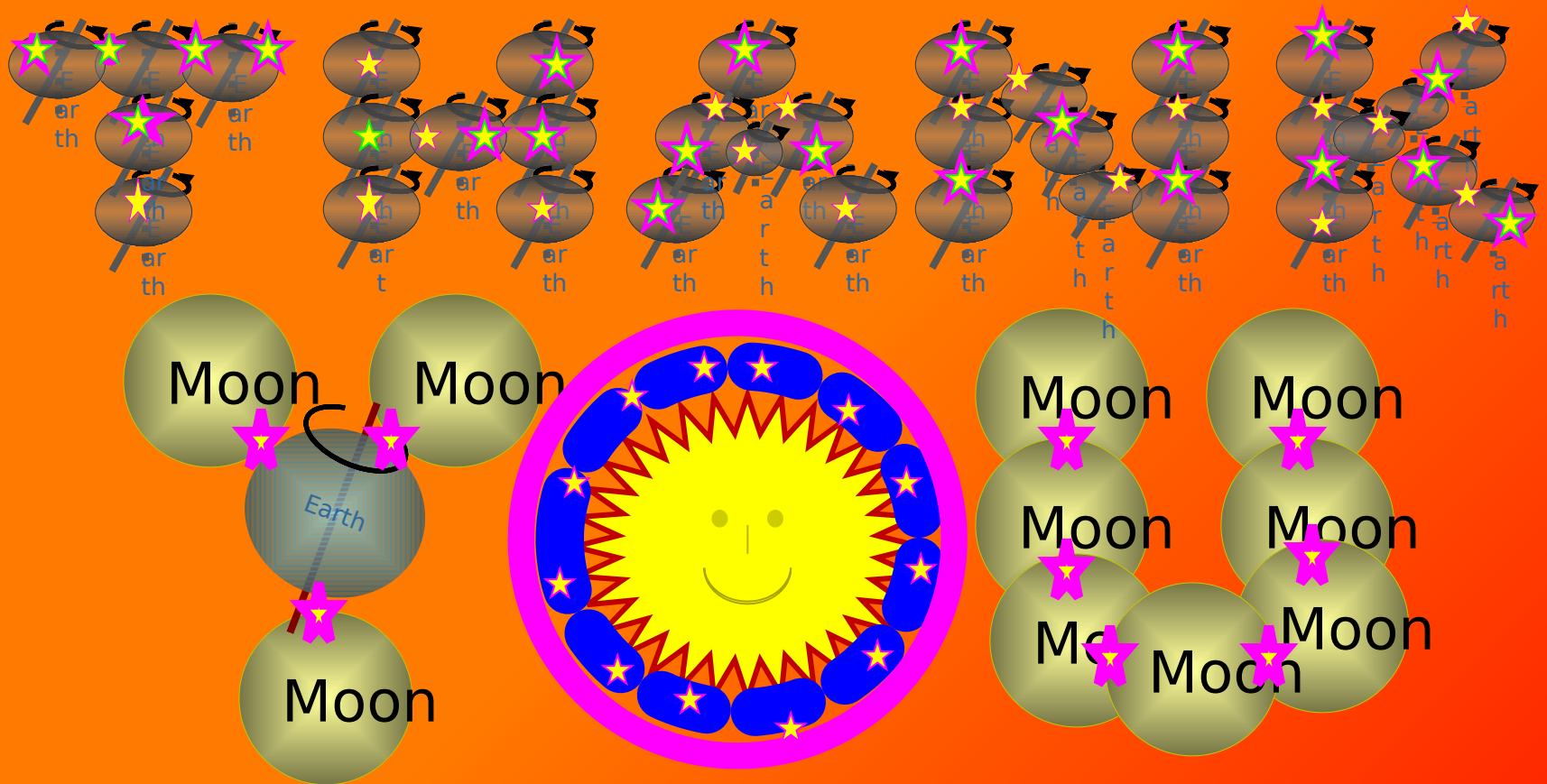
# Finale

**Now no doubt is left that the sun and the stars revolve around the earth**

**Amazingly, orbital speed of 30 km/s could never affect any physical phenomenon on or around the earth**

**Thank God, the earth has stopped running in the orbit with extremely high speed that could cause alarming situation any time**

**You can feel easy now**



**Prof. Dr. Abdul  
Razzaq**

**GOOD LUCK  
ALLAH BLESS YOU ALL**

**Please send your questions or any query  
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